Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027898.D
Acq On : 01 Nov 2018 12:48
Operator : MD/SY
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:25 PM

Quant Time: Nov 02 07:25:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	84289	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40717	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	22922	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.68	69	18376	3.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.20%			
11) 1,1-Dichloroethene-d2	2.28	63	35670	2.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.00%#			
20) 2-Butanone-d5	4.20	46	83294	42.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.80%			
24) Chloroform-d	4.65	84	42542	3.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.80%			
26) 1,2-Dichloroethane-d4	5.31	65	29105	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
32) Benzene-d6	5.34	84	83835	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.60%			
36) 1,2-Dichloropropane-d6	6.33	67	30244	3.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.00%			
41) Toluene-d8	7.57	98	78315	3.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.40%			
43) trans-1,3-Dichloropropene-	7.85	79	11290	3.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.40%			
46) 2-Hexanone-d5	8.31	63	66898	39.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22568	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	29503	3.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 75.80%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2426	0.292	ug/L	90
3) Chloromethane	1.33	50	2528	0.307	ug/L	93
5) Vinyl chloride	1.40	62	2460	0.300	ug/L #	81
6) Bromomethane	1.63	94	869	0.323	ug/L	79
8) Chloroethane	1.70	64	1557m	0.324	ug/L	
9) Trichlorofluoromethane	1.89	101	3839	0.353	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1769	0.319	ug/L #	43
12) 1,1-Dichloroethene	2.29	96	1776	0.339	ug/L #	1
13) Acetone	2.32	43	4567	3.688	ug/L	90
14) Carbon disulfide	2.48	76	5185	0.277	ug/L #	94
15) Methyl Acetate	2.62	43	1382	0.417	ug/L #	83
16) Methylene chloride	2.70	84	1847	0.314	ug/L #	91
17) Methyl tert-butyl Ether	3.01	73	4728	0.303	ug/L #	87
18) trans-1,2-Dichloroethene	2.98	96	1776	0.319	ug/L	92
19) 1,1-Dichloroethane	3.45	63	3885	0.331	ug/L	95
21) 2-Butanone	4.29	43	7318	3.399	ug/L	91
22) cis-1,2-Dichloroethene	4.22	96	1900	0.295	ug/L	83

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Quant Time: Nov 02 07:25:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	746	0.280 ug/L #	68
25) Chloroform	4.67	83	8637	0.725 ug/L	90
27) 1,2-Dichloroethane	5.41	62	2693	0.324 ug/L #	78
29) 1,1,1-Trichloroethane	4.92	97	3136	0.296 ug/L #	78
30) Cyclohexane	4.99	56	3694	0.297 ug/L #	89
31) Carbon tetrachloride	5.13	117	2734	0.301 ug/L	92
33) Benzene	5.39	78	8126	0.313 ug/L	100
34) Trichloroethene	6.19	95	2051	0.303 ug/L	95
35) Methylcyclohexane	6.41	83	3321	0.289 ug/L	92
37) 1,2-Dichloropropane	6.44	63	1876	0.253 ug/L #	90
38) Bromodichloromethane	6.76	83	2694	0.311 ug/L #	93
39) cis-1,3-Dichloropropene	7.28	75	2745	0.259 ug/L	94
40) 4-Methyl-2-pentanone	7.47	43	15752	3.012 ug/L	97
42) Toluene	7.64	91	8115	0.299 ug/L	96
44) trans-1,3-Dichloropropene	7.89	75	2416	0.265 ug/L #	75
45) 1,1,2-Trichloroethane	8.07	97	1166	0.256 ug/L	96
47) Tetrachloroethene	8.23	164	1627	0.313 ug/L	85
48) 2-Hexanone	8.37	43	12973	3.441 ug/L #	93
49) Dibromochloromethane	8.48	129	1491	0.271 ug/L	87
50) 1,2-Dibromoethane	8.59	107	1230	0.282 ug/L #	88
51) Chlorobenzene	9.12	112	5104	0.303 ug/L	88
52) Ethylbenzene	9.25	91	9223	0.298 ug/L	95
53) m,p-xylene	9.38	106	2819	0.251 ug/L	78
54) o-xylene	9.78	106	3188	0.289 ug/L	100
55) Styrene	9.79	104	5305	0.287 ug/L	94
56) Isopropylbenzene	10.17	105	8700	0.289 ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.46	83	1529	0.258 ug/L #	98
59) 1,2,3-Trichloropropane	10.49	75	1450	0.323 ug/L	94
61) Bromoform	9.97	173	837	0.279 ug/L #	91
62) 1,3-Dichlorobenzene	11.42	146	4175	0.319 ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	4166	0.318 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	3507	0.284 ug/L	89
67) 1,3,5-Trichlorobenzene	12.89	180	3159m	0.300 ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	2328	0.260 ug/L	92
69) Naphthalene	13.75	128	3428	0.246 ug/L #	89
70) 1,2,3-Trichlorobenzene	13.99	180	2451	0.300 ug/L #	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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